

Year 5 Learning at Home Week 2, Session 4

Maths

1. The numbers to follow are 37, 59, 97, 13, 29, 43, 73, 17, 67, 53 and 47.

If you want to escape from Black Rock, you must solve all our puzzles.
The X shows your position. But time is ticking; we are coming!

Puzzle 1
Only circle the prime numbers which end in a 3, 7 or 9.
Follow the correct path and you survive. One wrong move and you may not be alive!

			83	39	57	17	67	53	47	
			33			73				
					69	43	61	29	27	
				97	13	29			79	11
			33	59		63				
	51	45	X	37	81					
			21		9	83				
			49			99	91	35		

2. Various answers. Two numbers Paulo could press are:

1	3	1
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2	1	2
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A = 13,100 and B = 21,200

The sum of both three-digit numbers is 5 ($1 + 3 + 1 = 5$; $2 + 1 + 2 = 5$).

3.

1	48
2	24
3	16
4	12
6	8

15	X	18	20
9	48	1	16
35	4	3	12
45	1	16	8
7	42	24	6

4. Various answers. Brother = 25 (5^2); Mother = 64 (4^3); Daughter 1 = 8 (2^3) and Daughter 2 = 16 (4^2). 8 is half of 16.
5. Paulo has multiplied 6 by 2 instead of calculating 6^2 which equals 36. He needs 36 planks which is also the biggest raft he can make as $7 \times 7 = 49$ and he only has 40 planks.
6. Paulo has 1,200 miles to reach home. He calculated 12×100 incorrectly as 12,000 to begin with. This then made his division incorrect. $1,200 \div 100 = 12\text{cm}$ so he has 1,200 miles to reach home.

English

We have learnt about determiners in English this year. Can you use your knowledge to answer the questions?

- 1 Tick the sentence which is correct.

Determiners come after a noun.

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Determiners come after adjectives.

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Determiners come before a noun.

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Identify the determiners by underlining them. Determiners are the words that come before the noun to give the reader information about it, for example, the number of nouns, or who they belong to.

1. **Which** cup should I take from **the** cupboard?
2. **Those** boots are so dirty, they need to be cleaned.
3. **His** coat was blue, just like **his** eyes.
4. That is **the** tree which used to have **a** swing on it.
5. **Five** bees were buzzing around **the** sunflower.
6. Could I have **less** ice cream please?
7. **Some** people think that **this** town is boring.
8. It is good to brush **your** teeth twice a day.

Challenge Questions

9. She bound **her** pens together using **an** elastic band.
10. **Our** greatest challenge will be crossing **the** river without being seen by **the** guard in **that** tower.

1. **Which** book do you want to read first?
2. In Spain, **many** towns celebrate the festival of San José in March.
3. **Their** new classroom didn't have enough chairs.
4. After sharing with her friends, Kacie only had a **few** sweets left.
5. "**Your** dad is really funny," said Jake to his friend Raj.
6. "**Our** dog is called Hugo," said Ken and Charlie.
7. "Take **these** tickets and hand them in at the entrance," said the man at the ticket box.

